



# AC-STORAGE SYSTEMS



## DATA SHEET



### SYSTEM DATA

#### SAX POWER HOME 5,8 KWH

#### SAX POWER HOME PLUS 7,7 KWH

Nominal capacity	5,76 kWh	7,68 kWh
Usable capacity	5,2 kWh	7,0 kWh
Modularly expandable	up to 17,3 kWh	up to 23 kWh
Battery type	LiFePO4	LiFePO4
Cell data	3,2 V; 15 Ah	3,2 V; 15 Ah
Nominal voltage	230 V AC, 1-phase	230 V AC, 1-phase
Discharge power normal	4,6 kW	4,6 kW
Discharge power Plug-in	3,68 kW	3,68 kW
Charging power	1,4 kW up to 2,5 kW	1,4 kW up to 3,5 kW
Nominal current normal	20 A	20 A
Nominal current plug-in	16 A	16 A
Weight	53 kg	72 kg
Storage dimensions	530 × 530 × 250 mm	620 × 620 × 250 mm
Cooling	passive cooling	passive cooling
Display type	e-Paper display	e-Paper display

### OPERATION DATA

All-in-One	Integrated inverter function
Conversion efficiency	99%
Communication	Modbus RTU, Modbus TCP/UDP
Communication ports	RS485, RJ45 (LAN)
Battery warranty	10 years with 80% residual capacity
Permissible ambient temperature	5°C – 35°C
Permissible Max. Rel. Humidity	90%
Dust and water protection	IP 30
Certification	VDE-AR-N 4105, UN 38.3
Protection class	1 (Protective earthing)
Standby power/consumption	approx. 4 W
Emergency and backup power capability	yes

